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審査請求 未請求

(全 2 頁)

⑮ 回転式流体機械

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研究所内

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⑱ 出 願 昭58(1983)1月31日

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㉑ 実用新案登録請求の範囲

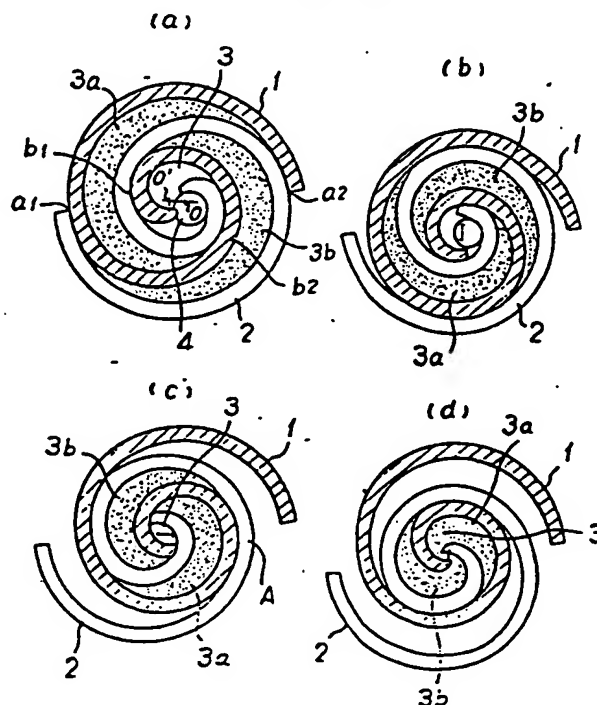
一対のスクロール部材を有する回転式流体機械において、前記各スクロール部材のうち一方のスクロール部材を所定温度になると変形する形状記憶合金製押圧材を介して他方のスクロール部材の方向に押圧するとともに同押圧材に温度変化を与える手段を設けたことを特徴とする回転式流体機械。

図面の簡単な説明

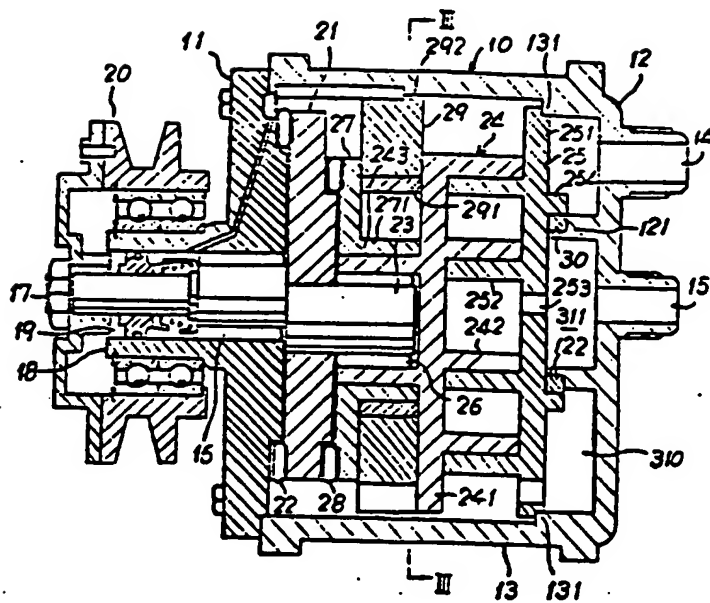
第1図は従来の回転式流体機械の原理説明図、第2図は従来の回転式流体機械の具体例を示す縦断側面図、第3図は第2図矢視Ⅲ-Ⅲ線に沿う縦断正面図、第4図は本案に係る回転式流体機械の一実施例を示す縦断側面図である。

24、25…スクロール部材、50…押圧材。

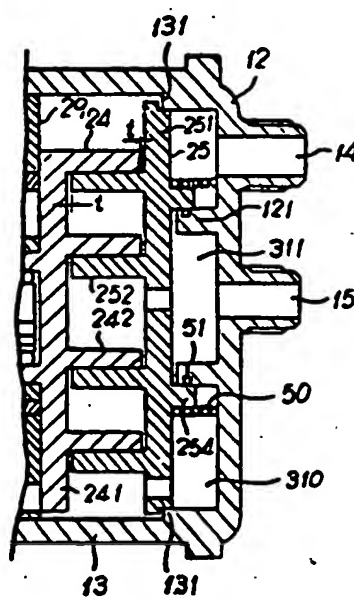
第1図



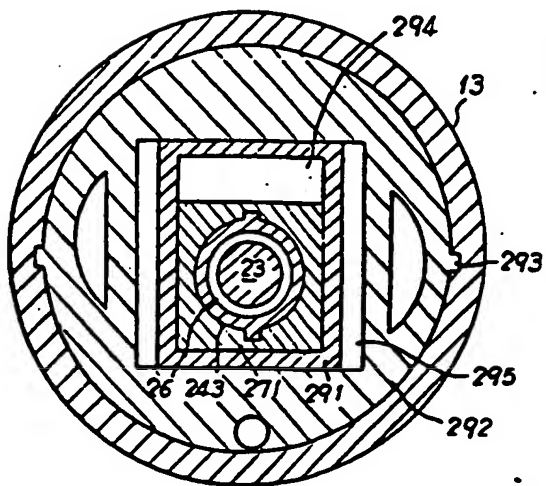
第2図



第4図



第3図



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J A P A N E S E G O V E R N M E N T P A T E N T O F F I C E

Early Utility Model Disclosure Publication No. 1974-117895

A Rotary Fluid Machine

Date of Application: January 31, 1983

Application Number: 1983-10993

Published: August 9, 1984

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Request for Examination: (none)

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Scope of Utility Model Registration Claim

A rotary fluid machine having a pair of scroll sections, characterized in that it has an appropriately shaped part made of a memory metal which presses one scroll section against the other when it reaches a certain temperature, and a means of changing the temperature of that part.

Brief Description of Figures

Figure 1 is a diagram illustrating the principle of operation of conventional rotary fluid machines. Figure 2 is a cross-section side view of an example of a conventional rotary fluid machine. Figure 3 is a cross-section front view at the plane indicated by line III-III in Figure 2. Figure 4 is a cross-section side view of an example of a rotary fluid machine according to the present device.

24,25 ... scroll sections

50 ... pressing part